

deteriorate approximately 6" off of the flume bottom. The deterioration is caused by the AMD flow. The concrete walls are currently pitted approximately 1/4" to 1/2". The concrete deterioration should be considered normal, as the flume was constructed in 1999. There is no danger of a flume failure in the near future.

04-21-16 The KT low flow of 850 gpm is a light burgundy color at this time. pH of the low flow is 2.76.

04-21-16 Operator received an auto dialer call-out alarm. Mine personnel activated the mine pool pump after normal working hours. The increased flow to the CTP requires manual adjustments to the operating set points. Operators performed manual set point and lime feed adjustments. Alarm condition was corrected and reset.

04-26-16 Operators performed the monthly full load emergency generator run test. The emergency generator operated all CTP components for one hour as programmed with no issues or errors to report.

During this reporting period:

- The Kellogg Tunnel discharge flow increased by less than 1% from April 2015, from 63.0 mg to 63.3 mg.
- The Kellogg Tunnel zinc concentration increased by 25% from April 2015, from an average of 92 mg/L to 115 mg/L.
- The CTP operating pH set point was increased to 8.5 from 8.3 during extended KT low-flow periods.
- The flocculent dosage remained at approximately 2 ppm to reduce process turbidity.
- The CTP sludge recycle rate remained at 400 gpm.
- CTP operators received one off-shift auto dialer call-out alarm caused by activation of the mine pool pumps.
- CTP operators performed seven pumping events from the Lined Pond.
- CTP operators performed Aeration Basin pH probe and grab sample verification twice per day.
- CTP operators observed no Kellogg Tunnel mine or mill operations.

Lessons Learned

No significant lessons to report for last month.

**PTM Effluent at Lined Storage Pond
CENTRAL TREATMENT PLANT**

Month: Apr-16

DATE	LEAD mg/L	ZINC mg/L	CADMUM mg/L	pH s.u.	TSS mg/L
04/07/16	0.013	11.2	1.17	7.36	0.2
04/21/16	0.008	11.8	1.13	6.64	0.4

**RINSATE AND TRIP BLANKS
CENTRAL TREATMENT PLANT**

Month: Apr-16

Rinsate and Trip Blank samples will be taken approximately every 20 QC events, or one each per month.

LOCATION Rinsate & Trip Blank	DATE	SAMPLE	LEAD mg/L	ZINC mg/L	CADMUM mg/L
Kellogg Tunnel 04-11-16		RB-04-11-16	<0.01	<0.004	<0.002
Trip Blank (D.I.water)		TB-04-11-16	<0.01	<0.004	<0.002

USACE PRIME CONTRACTOR
Monthly Record of Work-Related Injuries/Illnesses & Exposure

US Army Corps of Engineers
 Month April 2016
 Page 1 of 2

In accordance with the provisions of EM 3855-1-1, Section 01 Project Management, Paragraph C, D, Accident Recording and Reporting, Article 205, "Contractor shall provide monthly records of all injuries, illnesses, and exposures to its employees resulting from work, illness, or exposure to noise and accident experience of the Prime Contractor and its sub-contractors. As a minimum, these records shall include exposure work hours and a record of exposure hours and illnesses that include: Trauma, Illness, Injury, Death, and Hospital admissions. These records shall be submitted to the Project Manager, Project Engineer, and Project Manager, Contracting Officer Representative, and Contracting Officer. The Project Manager, Contracting Officer Representative, and Contracting Officer shall review these records and forward them to the Project Manager, Project Engineer, and Project Manager, Contracting Officer Representative. The Project Manager, Contracting Officer Representative, and Contracting Officer shall review these records and forward them to the Project Manager, Contracting Officer Representative, and Contracting Officer for review. If you have any questions concerning this section, contact your Contracting Officer Representative or Contracting Officer." (If you have any other questions, contact the USACE Environmental Health and Occupational Health Office for help.)

Contractor	Date Employee began work	Date of Injury or onset of illness	Describe the injury or illness	Date	Type	Any other reason for restriction or restriction from work	Other reasons for restriction or restriction from work	Reasons for days away from work	Number of Days
L3202 Contractual	2016-04-01	2016-04-01	Where the injury occurred						

No accidents reported

Exposure Hours	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Month: April 2016	Name of Person Submitting Report:	J. B. B.																	

Year To Date: 1438 hours

Signature: *John J. Barnes*

Date: *5/3/16*

CTP Mine Water Line Open Channel Inspection Form

Note: This form should be utilized weekly during the regular channel cleanout.
Results will be include with the Daily Quality Control Report and monthly DMR.

Date: April 7, 2016

Inspected By:

Gary Coast, Gary Fulton

Item Inspected	Condition	Comments	
Channel Sections and Joints	Good / Poor	Check for cracks	Ok
Channel Inlet Connection @ KT	Good / Poor	Check for cracks	Ok
Channel Outlet/Pipeline Inlet	Good / Poor	Check for cracks	Ok
Channel Bottom (during low flows)	Good / Poor		Ok
Bottom Joints (during low flows)	Good / Poor		Ok
Trash Rack Assembly Rail Units	Good / Poor	Check for corrosion and bolt tightness	Ok
Trash Racks	Good / Poor	Removed debris from trash racks	
Parshall Flume	Good / Poor	Check fiberglass and joint connections	Ok

General Comments:

Bunker mine has one pump operating at this time.

The Kellogg Tunnel flow at this time is 2.39 mgd (1660 gpm), pH at this time is 2.72

The concrete flume walls are beginning to deteriorate approximately 6" up from the flume bottom.

The submerged area of the concrete is pitting and is now approximately 1/2" indented.

Alternate hand held staff gauge was used to verify flume staff gauge and flow meter readings.

Ultrasonic flow meter calibration was correct, no adjustments were needed.

Operators observed no mine personnel on site to day.

CTP Mine Water Line Open Channel Inspection Form

Note: This form should be utilized weekly during the regular channel cleanout.
Results will be include with the Daily Quality Control Report and monthly DMR.

Date: April 14, 2016

Inspected By:

Gary Coast, Steve Brunner

Item Inspected	Condition	Comments	
Channel Sections and Joints	Good / Poor	Check for cracks	Ok
Channel Inlet Connection @ KT	Good / Poor	Check for cracks	Ok
Channel Outlet/Pipeline Inlet	Good / Poor	Check for cracks	Ok
Channel Bottom (during low flows)	Good / Poor		Ok
Bottom Joints (during low flows)	Good / Poor		Ok
Trash Rack Assembly Rail Units	Good / Poor	Check for corrosion and bolt tightness	Ok
Trash Racks	Good / Poor	Removed debris from trash racks	
Parshall Flume	Good / Poor	Check fiberglass and joint connections	Ok

General Comments:

Bunker mine has one pump operating at this time.

The Kellogg Tunnel flow at this time is 2.42 mgd (1680 gpm), pH at this time is 2.91

The concrete flume walls are beginning to deteriorate approximately 6" up from the flume bottom.

The submerged area of the concrete is pitting and is now approximately 1/2" indented.

Alternate hand held staff gauge was used to verify flume staff gauge and flow meter readings.

Ultrasonic flow meter calibration was correct, no adjustments were needed.

Operators observed no mine personnel on site to day.

CTP Mine Water Line Open Channel Inspection Form

Note: This form should be utilized weekly during the regular channel cleanout.
Results will be include with the Daily Quality Control Report and monthly DMR.

Date: April 21, 2016

Inspected By:

Steve Brunner, Gary Coast

Item Inspected	Condition	Comments	
Channel Sections and Joints	Good / Poor	Check for cracks	Ok
Channel Inlet Connection @ KT	Good / Poor	Check for cracks	Ok
Channel Outlet/Pipeline Inlet	Good / Poor	Check for cracks	Ok
Channel Bottom (during low flows)	Good / Poor		Ok
Bottom Joints (during low flows)	Good / Poor		Ok
Trash Rack Assembly Rail Units	Good / Poor	Check for corrosion and bolt tightness	Ok
Trash Racks	Good / Poor	Removed debris from trash racks	
Parshall Flume	Good / Poor	Check fiberglass and joint connections	Ok

General Comments:

Bunker mine has no pumps running at this time.

The Kellogg Tunnel flow at this time is 1.23 mgd (850 gpm), pH at this time is 2.76

The concrete flume walls are beginning to deteriorate approximately 6" up from the flume bottom.

The concrete is deteriorating from the AMD flow in the submerged section of the flume walls.

Alternate hand held staff gauges will be utilized to verify flume staff gauge and flow meter readings.

Ultrasonic flow meter calibration was correct.

Operators observed no mine activity at this time.

CTP Mine Water Line Open Channel Inspection Form

Note: This form should be utilized weekly during the regular channel cleanout.
Results will be include with the Daily Quality Control Report and monthly DMR.

Date: April 21, 2016

Inspected By:

Steve Brunner, Gary Coast

Item Inspected	Condition	Comments	
Channel Sections and Joints	Good / Poor	Check for cracks	Ok
Channel Inlet Connection @ KT	Good / Poor	Check for cracks	Ok
Channel Outlet/Pipeline Inlet	Good / Poor	Check for cracks	Ok
Channel Bottom (during low flows)	Good / Poor		Ok
Bottom Joints (during low flows)	Good / Poor		Ok
Trash Rack Assembly Rail Units	Good / Poor	Check for corrosion and bolt tightness	Ok
Trash Racks	Good / Poor	Removed debris from trash racks	
Parshall Flume	Good / Poor	Check fiberglass and joint connections	Ok

General Comments:

Bunker mine has no pumps running at this time.

The Kellogg Tunnel flow at this time is 1.23 mgd (850 gpm), pH at this time is 2.76

The concrete flume walls are beginning to deteriorate approximately 6" up from the flume bottom.

The concrete is deteriorating from the AMD flow in the submerged section of the flume walls.

Alternate hand held staff gauges will be utilized to verify flume staff gauge and flow meter readings.

Ultrasonic flow meter calibration was correct.

Operators observed no mine activity at this time.



One Government Gulch - PO Box 929

Kellogg ID 83837-0929

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Ferguson Contracting
901 N. Division
Pinehurst, ID 83850

Project: BHCTP

Sampled: 01-Apr-16

Received: 01-Apr-16

Reported: 04-Apr-16 14:38

LAB #	W600001-01	-	-	-	-	-	-
SAMPLE ID	006-04-01-16	-	-	-	-	-	-
	04/01/2016 06:00	-	-	-	-	-	-
Reporting Limit							
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.0081 [2]	-	-	-	-	-
Lead	0.0500 mg/L	<0.0025 [4]	-	-	-	-	-
Manganese	0.0200 mg/L	18.7 [5]	-	-	-	-	-
Zinc	0.020 mg/L	0.942	-	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	7.11 [1]	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	0.6 [2]	-	-	-	-	-

John Kern
Laboratory Director

1891



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Ferguson Contracting
901 N. Division
Pinehurst, ID 83650

Project: BHCTP

Sampled: 04-Apr-16

Received: 04-Apr-16

Reported: 05-Apr-16 16:35

LAB #	W6D0014-01	-	-	-	-	-	-
SAMPLE ID	006-04-04-16	-	-	-	-	-	-
Reporting Unit	04/04/2016 06:00	-	-	-	-	-	-
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.0070 [2]	-	-	-	-	-
Lead	0.0500 mg/L	<0.0025 [4]	-	-	-	-	-
Manganese	0.0200 mg/L	28.3 [3]	-	-	-	-	-
Zinc	0.020 mg/L	0.365	-	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	7.04 [1]	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	0.8 [2]	-	-	-	-	-

Kirby Gray
Technical Director



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Ferguson Contracting
901 N. Division
Pinehurst, ID 83650

Project: BHCTP

Sampled: 04-Apr-16

Received: 04-Apr-16

Reported: 05-Apr-16 16:31

LAB #	W6D0015-01	-	-	-	-	-	-
SAMPLE ID	KT-04-04-16	-	-	-	-	-	-
	04/04/2016 07:30	-	-	-	-	-	-
Reporting Unit							
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.239	-	-	-	-	-
Lead	0.0500 mg/L	0.810	-	-	-	-	-
Manganese	0.0200 mg/L	33.9	-	-	-	-	-
Zinc	0.020 mg/L	106 [1] [4]	-	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	2.84 [2]	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	17.0	-	-	-	-	-

Kirby Gray
Technical Director



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Ferguson Contracting
901 N. Division
Pinehurst, ID 83650

Project: BHCTP

Sampled: 06-Apr-16

Received: 06-Apr-16

Reported: 07-Apr-16 11:43

LAB #	W600050-01	-	-	-	-	-	-	-
SAMPLE ID	006-04-06-16	-	-	-	-	-	-	-
Reporting Unit	04/06/2016 06:00	-	-	-	-	-	-	-
Metals (Total) (Water)								
Cadmium	0.0100 mg/L	0.0056 [2]	-	-	-	-	-	-
Lead	0.0500 mg/L	<0.0025 [4]	-	-	-	-	-	-
Manganese	0.0200 mg/L	19.5 [3]	-	-	-	-	-	-
Zinc	0.020 mg/L	0.427	-	-	-	-	-	-
Classical Chemistry Parameters (Water)								
pH	pH Units	7.13 [1]	-	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	0.6 [2]	-	-	-	-	-	-

John Kern
Laboratory Director



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Pinehurst, ID 83650

Project: BHCTP

Sampled: 07-Apr-16

Received: 08-Apr-16

Reported: 11-Apr-16 14:10

LAB # SAMPLE ID	W6D0108-01	W6D0108-02	W6D0108-03	W6D0108-04	-	-
	KT-04-07-16	PTM-04-07-16	QC-04-07-16	CTPX04-04-07-16	-	-
Reporting Unit	04/07/2016 07:30	04/07/2016 08:00	04/07/2016 08:00	04/07/2016 07:00	-	-
Metals (Total) (Water)						
Cadmium	0.0100 mg/L	0.127	1.17	1.15	0.0538	-
Lead	0.0500 mg/L	0.612	0.0126 [3]	0.0125 [3]	0.350	-
Manganese	0.0200 mg/L	73.4	-	-	-	-
Zinc	0.020 mg/L	66.1 [1]	11.2	11.0	0.834	-
Classical Chemistry Parameters (Water)						
pH	pH Units	3.03 [2]	7.36 [2]	7.36 [2]	-	-
Total Susp. Solids	5.0 mg/L	85.0	0.2 [3]	0.2 [3]	-	-

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Pinehurst, ID 83650

Project: BHCTP

Sampled: 11-Apr-16

Received: 12-Apr-16

Reported: 13-Apr-16 14:16

LAB #	W600150-01	-	-	-	-	-	-
SAMPLE ID	006-04-11-16	-	-	-	-	-	-
Reporting Unit	04/11/2016 06:00	-	-	-	-	-	-
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.0053 [2]	-	-	-	-	-
Lead	0.0500 mg/L	<0.0025 [4]	-	-	-	-	-
Manganese	0.0200 mg/L	25.0 [3]	-	-	-	-	-
Zinc	0.020 mg/L	0.386	-	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	7.16 [1]	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	0.8 [2]	-	-	-	-	-

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901 N. Division
Pinehurst, ID 83650

Project: BHCTP

Sampled: 11-Apr-16

Received: 12-Apr-16

Reported: 13-Apr-16 14:21

LAB # SAMPLE ID	W600151-01	W600151-02	W600151-03	W600151-04	-	-
	KT-04-11-16	QC-04-11-16	TB-04-11-16	RB-04-11-16	-	-
Reporting Unit	04/11/2016 07:30	04/11/2016 07:30	04/11/2016 07:30	04/11/2016 07:30	-	-
Metals (Total) [Water]						
Cadmium	0.0100 mg/L	0.134	0.132	<0.0009 [4]	<0.0009 [4]	-
Lead	0.0500 mg/L	0.603	0.599	<0.0025 [4]	<0.0025 [4]	-
Manganese	0.0200 mg/L	67.7	70.2	-	-	-
Zinc	0.020 mg/L	69.1 [1]	67.1 [1]	<0.004 [4]	<0.004 [4]	-
Classical Chemistry Parameters (Water)						
pH	pH Units	3.02 [2]	3.01 [2]	-	-	-
Total Susp. Solids	5.0 mg/L	96.0	93.0	-	-	-

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Pinehurst, ID 83650

Project: BHCTP

Sampled: 13-Apr-16

Received: 13-Apr-16

Reported: 14-Apr-16 13:32

LAB #	W600187-01	-	-	-	-	-	-
SAMPLE ID	006-04-13-16	-	-	-	-	-	-
Reporting Unit	04/13/2016 06:00	-	-	-	-	-	-
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.0056 [2]	-	-	-	-	-
Lead	0.0500 mg/L	<0.0025 [4]	-	-	-	-	-
Manganese	0.0200 mg/L	24.2 [3]	-	-	-	-	-
Zinc	0.020 mg/L	0.381	-	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	7.17 [1]	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	1.6	-	-	-	-	-

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Pinehurst, ID 83650

Project: BHCTP

Sampled: 14-Apr-16

Received: 15-Apr-16

Reported: 18-Apr-16 12:17

LAB #	W6D0235-01	W6D0235-02	-	-	-	-	-
SAMPLE ID	KT-04-14-16	CTP004-04-14-16	-	-	-	-	-
Reporting Unit	04/14/2016 07:30	04/14/2016 07:00	-	-	-	-	-
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.156	0.0528	-	-	-	-
Lead	0.0500 mg/L	0.596	0.320	-	-	-	-
Manganese	0.0200 mg/L	73.0	-	-	-	-	-
Zinc	0.020 mg/L	77.8 [1]	0.814	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	2.38 [2]	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	94.0	-	-	-	-	-

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Pinehurst, ID 83650

Project: BHCTP

Sampled: 15-Apr-16

Received: 15-Apr-16

Reported: 18-Apr-16 12:15

LAB #	W600234-01	-	-	-	-	-	-
SAMPLE ID	006-04-15-16	-	-	-	-	-	-
Reporting Unit	04/15/2016 06:00	-	-	-	-	-	-
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.0061 [2]	-	-	-	-	-
Lead	0.0500 mg/L	<0.0025 [4]	-	-	-	-	-
Manganese	0.0200 mg/L	14.5 [3]	-	-	-	-	-
Zinc	0.020 mg/L	0.350	-	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	7.10 [1]	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	1.0	-	-	-	-	-

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Ferguson Contracting
901 N. Division
Pinehurst, ID 83650

Project: BHCTP

Sampled: 18-Apr-16

Received: 18-Apr-16

Reported: 19-Apr-16 15:06

LAB #	W600263-01	-	-	-	-	-	-
SAMPLE ID	006-04-18-16	-	-	-	-	-	-
Reporting Unit	04/18/2016 06:00	-	-	-	-	-	-
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.0070 [2]	-	-	-	-	-
Lead	0.0500 mg/L	<0.0025 [4]	-	-	-	-	-
Manganese	0.0200 mg/L	23.5 [3]	-	-	-	-	-
Zinc	0.020 mg/L	0.369	-	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	7.21 [1]	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	0.6 [2]	-	-	-	-	-

John Kern
Laboratory Director



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Ferguson Contracting
901 N. Division
Pinehurst, ID 83650

Project: BHCTP

Sampled: 18-Apr-16

Received: 18-Apr-16

Reported: 19-Apr-16 15:07

LAB #	W600264-01	-	-	-	-	-	-
SAMPLE ID	KT-04-18-16	-	-	-	-	-	-
	04/18/2016 07:30	-	-	-	-	-	-
Reporting Unit							
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.224	-	-	-	-	-
Lead	0.0500 mg/L	0.559	-	-	-	-	-
Manganese	0.0200 mg/L	74.8 [4]	-	-	-	-	-
Zinc	0.020 mg/L	96.1 [1] [4]	-	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	2.84 [2]	-	-	-	-	-
Total Susp. Solids	mg/L	110	-	-	-	-	-

John Kern
Laboratory Director



One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

Ferguson Contracting 901 N. Division Pinehurst, ID 83850	Project: BHCTP	Sampled: 21-Apr-16
		Received: 22-Apr-16
		Reported: 28-Apr-16 08:51

LAB # SAMPLE ID	W600365-01 KT-04-21-16	W600365-02 PTM-04-21-16	W600365-03 CTP004-04-21-16	-	-	-
Reporting Limit	04/21/2016 07:30	04/21/2016 08:00	04/21/2016 07:00	-	-	-

Metals [Total] (Water)

Cadmium	0.0100 mg/L	0.428	1.25	0.0522	-	-	-
Lead	0.0500 mg/L	0.710	0.0084 [3]	0.320	-	-	-
Manganese	0.0200 mg/L	41.0	-	-	-	-	-
Zinc	0.020 mg/L	179 [1]	11.8	0.814	-	-	-

Classical Chemistry Parameters (Water)

pH	pH Units	2.73 [2]	6.64 [2]	-	-	-	-
Total Susp. Solids	mg/L	33.0	0.4 [3]	-	-	-	-

John Kern
Laboratory Director



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Ferguson Contracting
901 N. Division
Pinehurst, ID 83650

Project: BHCTP

Sampled: 22-Apr-16

Received: 22-Apr-16

Reported: 25-Apr-16 15:13

LAB #	W600364-01	-	-	-	-	-	-
SAMPLE ID	006-04-22-16	-	-	-	-	-	-
Reporting Unit	04/22/2016 06:00	-	-	-	-	-	-
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.0056 [2]	-	-	-	-	-
Lead	0.0500 mg/L	<0.0025 [3]	-	-	-	-	-
Manganese	0.0200 mg/L	9.86	-	-	-	-	-
Zinc	0.020 mg/L	0.305	-	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	7.11 [1]	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	0.6 [2]	-	-	-	-	-

Kirby Gray
Technical Director



One Government Gulch - PO Box 929 Kellogg ID 83837-0929 (208) 784-1258 Fax (208) 783-0891

Ferguson Contracting 901 N. Division Pinehurst, ID 83850	Project: BHCTP	Sampled: 25-Apr-16
		Received: 25-Apr-16
		Reported: 28-Apr-16 08:52

LAB #	W600397-01	-	-	-	-	-
SAMPLE ID	KT-04-25-16	-	-	-	-	-
	04/25/2016 07:30	-	-	-	-	-
Metals (Total) (Water)						
Cadmium	0.0100 mg/L	0.206	-	-	-	-
Lead	0.0500 mg/L	0.565	-	-	-	-
Manganese	0.0200 mg/L	72.8	-	-	-	-
Zinc	0.030 mg/L	92.2 [1]	-	-	-	-
Classical Chemistry Parameters (Water)						
pH	pH Units	2.89 [2]	-	-	-	-
Total Susp. Solids	mg/L	102	-	-	-	-

John Kern
Laboratory Director



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Ferguson Contracting
901 N. Division
Pinehurst, ID 83650

Project: BHCTP

Sampled: 25-Apr-16

Received: 25-Apr-16

Reported: 26-Apr-16 14:51

LAB #	W600396-01	-	-	-	-	-	-
SAMPLE ID	006-04-25-16	-	-	-	-	-	-
	04/25/2016 06:00	-	-	-	-	-	-
Reporting Unit							
Metals (Total) (Water)							
Cadmium	0.0100 mg/L	0.0042 [2]	-	-	-	-	-
Lead	0.0500 mg/L	<0.0025 [4]	-	-	-	-	-
Manganese	0.0200 mg/L	9.20 [3]	-	-	-	-	-
Zinc	0.020 mg/L	0.220	-	-	-	-	-
Classical Chemistry Parameters (Water)							
pH	pH Units	7.12 [1]	-	-	-	-	-
Total Susp. Solids	5.0 mg/L	1.2	-	-	-	-	-

John Kern
Laboratory Director



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Ferguson Contracting 901 N. Division Pinehurst, ID 83850	Project: BHCTP	Sampled: 27-Apr-16
		Received: 27-Apr-16
		Reported: 28-Apr-16 13:52

LAB #	W6D0429-01	W6D0429-02	-	-	-	-
SAMPLE ID	006-04-27-16	01C-04-27-16	-	-	-	-
	04/27/2016 06:00	04/27/2016 06:00	-	-	-	-

Reporting Limit

Metals [Total] (Water)

Cadmium	0.0100 mg/L	0.0079 [2]	0.0080 [2]	-	-	-	-
Lead	0.0500 mg/L	0.0032 [2]	<0.0035 [4]	-	-	-	-
Manganese	0.0200 mg/L	13.8	14.1	-	-	-	-
Zinc	0.020 mg/L	0.266	0.271	-	-	-	-

Classical Chemistry Parameters (Water)

pH	pH Units	7.12 [1] [S]	7.16 [1]	-	-	-	-
Total Susp. Solids	5.0 mg/L	1.0	1.0	-	-	-	-

John Kern
Laboratory Director



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Ferguson Contracting 901 N. Division Pinehurst, ID 83850	Project: BHCTP	Sampled: 29-Apr-16
		Received: 29-Apr-16
		Reported: 02-May-16 15:14

LAB #	W600487-01	-	-	-	-	-
SAMPLE ID	005-04-29-16	-	-	-	-	-
	04/29/2016 06:00	-	-	-	-	-

Reporting Limit

Metals [Total] (Water)

Cadmium	0.0100 mg/L	0.0081 [2]	-	-	-	-
Lead	0.0500 mg/L	<0.0025 [3]	-	-	-	-
Manganese	0.0200 mg/L	7.73	-	-	-	-
Zinc	0.020 mg/L	0.432	-	-	-	-

Classical Chemistry Parameters (Water)

pH	pH Units	6.96 [1]	-	-	-	-
Total Susp. Solids	mg/L	5.0	1.2	-	-	-

John Kern
Laboratory Director